7. Electrical Parts List

7-1 Engine Part List(ML-6000 : 220V)

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
1	JC94-01028A	HALB	PRA AUTO-ENGI 220V	
2	0401-000005	ROH	DIODE-SWITCHING;1N4148,75V,300	D504,D505
2	0401-000005	ROH	DIODE-SWITCHING;1N4148,75V,300	D221,D222,D223,D224
2	0401-000005	ROH	DIODE-SWITCHING;1N4148,75V,300	D215,D220
2	0401-000005	ROH	DIODE-SWITCHING;1N4148,75V,300	D154,D209
2	0401-000005	ROH	DIODE-SWITCHING;1N4148,75V,300	D233,D401
2	0401-000005	ROH	DIODE-SWITCHING;1N4148,75V,300	D500,D501,D502
2	0401-000005	ROH	DIODE-SWITCHING;1N4148,75V,300	D4,D5,D6,D7,D101
2	0401-000005	ROH	DIODE-SWITCHING;1N4148,75V,300	D229,D230,D231,D232
2	0401-000005	ROH	DIODE-SWITCHING;1N4148,75V,300	D225,D226,D227,D228
2	0402-000012	ROH	DIODE-RECTIFIER;UF4007,1KV,1A,	D102
2	0402-000129	ROH	DIODE-RECTIFIER;1N4003,200V,1A	D503
2	0402-000129	ROH	DIODE-RECTIFIER;1N4003,200V,1A	D1,D216,D217
2	0402-000145	ROH	DIODE-RECTIFIER;1N4937,600V,1A	D103
2	0402-000468	ROH	DIODE-RECTIFIER;ESJS58-06,6KV,	D205,D206,D207,D208
2	0402-001193	ROH	DIODE-RECTIFIER;SHV-04,4KV,20m	D201,D202,D203,D204
2	0402-001193	ROH	DIODE-RECTIFIER;SHV-04,4KV,20m	D210
2	0403-000005	ROH	DIODE-ZENER;UZ5.1B,4.8-5.4V,50	ZD102
2	0403-000338	ROH	DIODE-ZENER;UZ27BM,27V,25.7-28	ZD103
2	0403-000346	ROH	DIODE-ZENER;UZ33B,33V,30-36V,5	ZD152,ZD204,ZD205
2	0403-000356	ROH	DIODE-ZENER;UZ5.6BCB,5.6V,5.46	ZD151,ZD201
2	0403-000475	ROH	DIODE-ZENER;1N5274B,130V,5%,50	ZD101,ZD203
2	0403-000554	ROH	DIODE-ZENER;UZ7.5BM,7.2-7.7V,5	ZD202
2	0501-000010	ROH	TR-SMALL SIGNAL;KSC1008,NPN,80	Q3,Q4,Q8,Q10,Q208
2	0501-000010	ROH	TR-SMALL SIGNAL;KSC1008,NPN,80	Q500,Q503
2	0501-000010	ROH	TR-SMALL SIGNAL;KSC1008,NPN,80	Q211
2	0501-000294	ROH	TR-SMALL SIGNAL;KSA708-Y,PNP,8	Q207,Q209
2	0501-000294	ROH	TR-SMALL SIGNAL;KSA708-Y,PNP,8	Q501,Q502
2	1203-000002	ROH	IC-POSI.ADJUST REG.;431,TO-92,	U151
2	2001-000002	ROH	R-CARBON(S);200Kohm,5%,1/2W,AA	R107
2	2001-000003	ROH	R-CARBON;330ohm,5%,1/8W,AA,TP,	R406
2	2001-000003	ROH	R-CARBON;330ohm,5%,1/8W,AA,TP,	R25,R52,R111,R151
2	2001-000005	ROH	R-CARBON;390ohm,5%,1/8W,AA,TP,	R218,R221,R231
2	2001-000010	ROH	R-CARBON;68Kohm,5%,1/8W,AA,TP,	R240
2	2001-000012	ROH	R-CARBON;680Kohm,5%,1/8W,AA,TP	R236
2	2001-000015	ROH	R-CARBON(S);0.5ohm,5%,1/2W,AA,	R62
2	2001-000016	ROH	R-CARBON(S);1ohm,5%,1/2W,AA,TP	R8

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
2	2001-000019	ROH	R-CARBON(S);10ohm,5%,1/2W,AA,T	R217,R230
2	2001-000023	ROH	R-CARBON;47ohm,5%,1/4,AA,TP,2.	R109
2	2001-000027	ROH	R-CARBON;100ohm,5%,1/4,AA,TP,2	R104
2	2001-000045	ROH	R-CARBON;1.8Kohm,5%,1/4W,AA,TP	R274
2	2001-000105	ROH	R-CARBON;1.5Kohm,5%,1/4W,AA,TP	R14
2	2001-000118	ROH	R-CARBON(S);180ohm,5%,1/2W,AA,	R103
2	2001-000221	ROH	R-CARBON;1.2Kohm,5%,1/8W,AA,TP	R39,R251
2	2004-000634	ROH	R-METAL;261Kohm,1%,1/8W,AA,TP	R215
2	2001-000273	ROH	R-CARBON;100Kohm,5%,1/8W,AA,TP	R238
2	2001-000281	ROH	R-CARBON;100ohm,5%,1/8W,AA,TP,	R284,R285,R293,R422
2	2001-000281	ROH	R-CARBON;100ohm,5%,1/8W,AA,TP,	R514
2	2001-000281	ROH	R-CARBON;100ohm,5%,1/8W,AA,TP,	R15,R24,R29,R30,R31
2	2001-000281	ROH	R-CARBON;100ohm,5%,1/8W,AA,TP,	R155,R252,R282,R283
2	2001-000331	ROH	R-CARBON;12Kohm,5%,1/8W,AA,TP,	R56,R63
2	2001-000362	ROH	R-CARBON;150ohm,5%,1/8W,AA,TP,	R16,R23,R64
2	2001-000362	ROH	R-CARBON;150ohm,5%,1/8W,AA,TP,	R512
2	2001-000429	ROH	R-CARBON;1Kohm,5%,1/8W,AA,TP,1	R41,R42,R44,R45,R46
2	2001-000429	ROH	R-CARBON;1Kohm,5%,1/8W,AA,TP,1	R49
2	2001-000429	ROH	R-CARBON;1Kohm,5%,1/8W,AA,TP,1	R18,R33,R34,
2	2001-000429	ROH	R-CARBON;1Kohm,5%,1/8W,AA,TP,1	R408
2	2001-000435	ROH	R-CARBON;1Mohm,5%,1/8W,AA,TP,1	R502
2	2001-000449	ROH	R-CARBON;2.2Kohm,5%,1/8W,AA,TP	R501,R504
2	2001-000449	ROH	R-CARBON;2.2Kohm,5%,1/8W,AA,TP	R48,R225,R250,R256
2	2001-000515	ROH	R-CARBON;220ohm,5%,1/8W,AA,TP,	R27,R424,R425,R426
2	2001-000552	ROH	R-CARBON;270ohm,5%,1/4W,AA,TP,	R112
2	2001-000563	ROH	R-CARBON;27Kohm,5%,1/8W,AA,TP,	R253
2	2001-000577	ROH	R-CARBON;2Kohm,5%,1/8W,AA,TP,1	R152
2	2001-000660	ROH	R-CARBON;33Kohm,5%,1/8W,AA,TP,	R249
2	2001-000660	ROH	R-CARBON;33Kohm,5%,1/8W,AA,TP,	R257,R263,R266
2	2001-000660	ROH	R-CARBON;33Kohm,5%,1/8W,AA,TP,	R500,R503,R507
2	2001-000734	ROH	R-CARBON;4.7Kohm,5%,1/8W,AA,TP	R110
2	2001-000780	ROH	R-CARBON;470ohm,5%,1/8W,AA,TP,	R156
2	2001-000786	ROH	R-CARBON;47Kohm,5%,1/8W,AA,TP,	R54,R223,R224,R227
2	2001-000812	ROH	R-CARBON;5.6Kohm,5%,1/8W,AA,TP	R38,R40,R51,R59
2	2001-000812	ROH	R-CARBON;5.6Kohm,5%,1/8W,AA,TP	R19,R26,R28,R35,R36
2	2001-000812	ROH	R-CARBON;5.6Kohm,5%,1/8W,AA,TP	R261,R405
2	2001-000812	ROH	R-CARBON;5.6Kohm,5%,1/8W,AA,TP	R60,R61,R260
2	2001-000816	ROH	R-CARBON;5.6ohm,5%,1/4W,AA,TP,	R113

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
2	2001-000832	ROH	RCARBON;510ohm,5%,1/8W,AA,TP,	R20,R407
2	2001-000864	ROH	R-CARBON;56Kohm,5%,1/8W,AA,TP,	R53,R248
2	2001-001015	ROH	R-CARBON;9.1Kohm,5%,1/8W,AA,TP	R262
2	2001-001070	ROH	R-CARBON(S);120ohm,5%,1/2W,AA,	R102
2	2001-001093	ROH	R-CARBON(S);2.2Kohm,5%,1/2W,AA	R292
2	2001-001119	ROH	R-CARBON(S);3.3Mohm,5%,1/2W,AA	R239
2	2001-001119	ROH	R-CARBON(S);3.3Mohm,5%,1/2W,AA	R210,R212,R226,R229
2	2001-001150	ROH	R-CARBON(S);470Kohm,5%,1/2W,AA	R101,R105
2	2001-001165	ROH	R-CARBON(S);56ohm,5%,1/2W,AA,T	R216,R219
2	2004-000002	ROH	R-METAL;78.7Kohm,1%,1/8W,AA,TP	R247
2	2004-000003	ROH	R-METAL;16.2Kohm,1%,1/8W,AA,TP	R237
2	2004-000345	ROH	R-METAL;15Kohm,1%,1/8W,AA,TP,1	R17,R22,R55,R222
2	2004-000345	ROH	R-METAL;15Kohm,1%,1/8W,AA,TP,1	R513
2	2004-000345	ROH	R-METAL;15Kohm,1%,1/8W,AA,TP,1	R43
2	2004-000385	ROH	R-METAL;17.4Kohm,1%,1/8W,AA,TP	R510
2	2004-000433	ROH	R-METAL;1Kohm,1%,1/8W,AA,TP,1.	R58,R213
2	2004-000544	ROH	R-METAL;21.5Kohm,1%,1/8W,AA,TP	R508
2	2004-000691	ROH	R-METAL;3.16Kohm,1%,1/8W,AA,TP	R153
2	2004-000699	ROH	R-METAL;3.3Kohm,1%,1/8W,AA,TP,	R516,R57
2	2004-000754	ROH	R-METAL;309Kohm,1%,1/8W,AA,TP,	R511
2	2004-000869	ROH	R-METAL;3Kohm,1%,1/8W,AA,TP,1.	R154
2	2004-000884	ROH	R-METAL;4.3Kohm,1%,1/8W,AA,TP,	R37
2	2004-000900	ROH	R-METAL;4.7Kohm,1%,1/8W,AA,TP,	R47
2	2004-000965	ROH	R-METAL;470Kohm,1%,1/8W,AA,TP,	R243
2	2004-001156	ROH	R-METAL;619Kohm,1%,1/8W,AA,TP,	R509
2	2004-001231	ROH	R-METAL;75Kohm,1%,1/8W,AA,TP,1	R506
2	2004-001231	ROH	R-METAL;75Kohm,1%,1/8W,AA,TP,1	R269
2	2004-001315	ROH	R-METAL;86.6Kohm,1%,1/8W,AA,TP	R234
2	2004-001315	ROH	R-METAL;86.6Kohm,1%,1/8W,AA,TP	R505
2	2004-001357	ROH	R-METAL;93.1Kohm,1%,1/8W,AA,TP	R515
2	2004-001357	ROH	R-METAL;93.1Kohm,1%,1/8W,AA,TP	R233
2	2004-002001	ROH	R-METAL;12.1Kohm,1%,1/8W,AA,TP	R245
2	2004-004179	ROH	R-METAL;174Kohm,1%,1/8W,AA,TP,	R258
2	2009-001041	ROH	R-METAL GLAZE;2Mohm,1%,1/4W,AA	R208,R209
2	2009-001042	ROH	R-METAL GLAZE;4.7Mohm,1%,1/4W,	R204,R207,R277
2	2001-000812	ROH	R-CARBON;5.6Kohm,5%,1/8W,AA,TP	R261,R405
2	2001-000812	ROH	R-CARBON;5.6Kohm,5%,1/8W,AA,TP	R60,R61,R260
2	2001-000816	ROH	R-CARBON;5.6ohm,5%,1/4W,AA,TP,	R113

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
2	2001-000832	ROH	R-CARBON;510ohm,5%,1/8W,AA,TP,	R20,R407
2	2001-000864	ROH	R-CARBON;56Kohm,5%,1/8W,AA,TP,	R53,R248
2	2001-001015	ROH	R-CARBON;9.1Kohm,5%,1/8W,AA,TP	R262
2	2001-001070	ROH	R-CARBON(S);120ohm,5%,1/2W,AA,	R102
2	2001-001093	ROH	R-CARBON(S);2.2Kohm,5%,1/2W,AA	R292
2	2001-001119	ROH	R-CARBON(S);3.3Mohm,5%,1/2W,AA	R239
2	2001-001119	ROH	R-CARBON(S);3.3Mohm,5%,1/2W,AA	R210,R212,R226,R229
2	2001-001150	ROH	R-CARBON(S);470Kohm,5%,1/2W,AA	R101,R105
2	2001-001165	ROH	R-CARBON(S);56ohm,5%,1/2W,AA,T	R216,R219
2	2004-000002	ROH	R-METAL;78.7Kohm,1%,1/8W,AA,TP	R247
2	2004-000003	ROH	R-METAL;16.2Kohm,1%,1/8W,AA,TP	R237
2	2004-000345	ROH	R-METAL;15Kohm,1%,1/8W,AA,TP,1	R267
2	2004-000345	ROH	R-METAL;15Kohm,1%,1/8W,AA,TP,1	R17,R22,R55,R222
2	2004-000345	ROH	R-METAL;15Kohm,1%,1/8W,AA,TP,1	R513
2	2004-000345	ROH	R-METAL;15Kohm,1%,1/8W,AA,TP,1	R43
2	2004-000385	ROH	R-METAL;17.4Kohm,1%,1/8W,AA,TP	R510
2	2004-000433	ROH	R-METAL;1Kohm,1%,1/8W,AA,TP,1.	R58,R213
2	2004-000544	ROH	R-METAL;21.5Kohm,1%,1/8W,AA,TP	R508
2	2004-000691	ROH	R-METAL;3.16Kohm,1%,1/8W,AA,TP	R153
2	2004-000699	ROH	R-METAL;3.3Kohm,1%,1/8W,AA,TP,	R516,R57
2	2004-000754	ROH	R-METAL;309Kohm,1%,1/8W,AA,TP,	R511
2	2004-000869	ROH	R-METAL;3Kohm,1%,1/8W,AA,TP,1.	PR154
2	2004-000884	ROH	R-METAL;4.3Kohm,1%,1/8W,AA,TP,	R37
2	2004-000900	ROH	R-METAL;4.7Kohm,1%,1/8W,AA,TP,	R47
2	2004-000965	ROH	R-METAL;470Kohm,1%,1/8W,AA,TP,	R243
2	2004-001156	ROH	R-METAL;619Kohm,1%,1/8W,AA,TP,	R509
2	2004-001231	ROH	R-METAL;75Kohm,1%,1/8W,AA,TP,1	R506
2	2004-001231	ROH	R-METAL;75Kohm,1%,1/8W,AA,TP,1	R269
2	2004-001315	ROH	R-METAL;86.6Kohm,1%,1/8W,AA,TP	R234
2	2004-001315	ROH	R-METAL;86.6Kohm,1%,1/8W,AA,TP	R505
2	2004-001357	ROH	R-METAL;93.1Kohm,1%,1/8W,AA,TP	R515
2	2004-001357	ROH	R-METAL;93.1Kohm,1%,1/8W,AA,TP	R233
2	2004-002001	ROH	R-METAL;12.1Kohm,1%,1/8W,AA,TP	R245
2	2004-004179	ROH	R-METAL;174Kohm,1%,1/8W,AA,TP,	R258
2	2009-001041	ROH	R-METAL GLAZE;2Mohm,1%,1/4W,AA	R208,R209
2	2009-001042	ROH	R-METAL GLAZE;4.7Mohm,1%,1/4W,	R204,R207,R277
2	2201-000003	ROH	C-CERAMIC,DISC;68pF,10%,2KV,SL	C203,C404
2	2201-000004	ROH	C-CERAMIC,DISC;100pF,10%,2KV,S	C220
2	2201-000017	ROH	C-CERAMIC,DISC;1nF,10%,50V,Y5P	C42,C43,C45,C237

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
2	2201-000017	ROH	C-CERAMIC,DISC;1nF,10%,50V,Y5P	C31,C38,C39,C40,C41
2	2201-000017	ROH	C-CERAMIC,DISC;1nF,10%,50V,Y5P	C17,C22,C27,C29
2	2201-000019	ROH	C-CERAMIC,DISC;10nF,+80-20%,50	C106,C50
2	2201-000021	ROH	C-CERAMIC,DISC;100nF,+80-20%,5	C209
2	2201-000021	ROH	C-CERAMIC,DISC;100nF,+80-20%,5	C26,C32,C34,C37,C46
2	2201-000021	ROH	C-CERAMIC,DISC;100nF,+80-20%,5	C222,C226,C227,C229
2	2201-000138	ROH	C-CERAMIC,DISC;100pF,10%,50V,Y	C16,C28,C30,C402
2	2201-000163	ROH	C-CERAMIC,DISC;10nF,79.8,50V,Y	C24,C36
2	2201-000163	ROH	C-CERAMIC,DISC;10nF,79.8,50V,Y	C217,C231
2	2201-000163	ROH	C-CERAMIC,DISC;10nF,79.8,50V,Y	C19
2	2201-000163	ROH	C-CERAMIC,DISC;10nF,79.8,50V,Y	C1,C13,C14
2	2201-000163	ROH	C-CERAMIC,DISC;10nF,79.8,50V,Y	C405
2	2201-000326	ROH	C-CERAMIC,DISC;2.2nF,10%,50V,Y	C230
2	2201-000326	ROH	C-CERAMIC,DISC;2.2nF,10%,50V,Y	C221,C223,C225
2	2201-000326	ROH	C-CERAMIC,DISC;2.2nF,10%,50V,Y	C500
2	2201-000391	ROH	C-CERAMIC,DISC;22pF,5%,50V,SL,	C20,C21
2	2201-000473	ROH	C-CERAMIC,DISC;33nF,+80-20%,50	C224
2	2201-000473	ROH	C-CERAMIC,DISC;33nF,+80-20%,50	C207,C208,C210,C214
2	2201-000645	ROH	C-CERAMIC,DISC;680pF,5%,50V,SL	C111
2	2201-000724	ROH	C-CERAMIC,DISC;470pF,0.1,3KV,Y	C201,C204,C219
2	2201-000724	ROH	C-CERAMIC,DISC;470pF,0.1,3KV,Y	C202,C206
2	2202-000002	ROH	C-CERAMIC,MLC-AXIAL;10nF,0.05,	C10,C12,C15,C18,C401
2	2202-000002	ROH	C-CERAMIC,MLC-AXIAL;10nF,0.05,	C502
2	2202-000888	ROH	C-CERAMIC,MLC-RADIAL;100nF,20%	C110,C112
2	2301-000490	ROH	C-FILM,PEF;4.7nF,5%,100V,TP,5.	C113,C505
2	2401-000207	ROH	C-AL;100uF,20%,50V,WT,TP,8x12,	C228,C503,C504,C506
2	2401-000613	ROH	C-AL;1uF,20%,50V,WT,TP,5x11,5	C109,C152
2	2401-001476	ROH	C-AL;47uF,20%,10V,GP,TP,6.3x5m	C11
2	2401-001585	ROH	C-AL;47uF,20%,50V,WT,TP,8x11.5	C114
2	2401-001700	ROH	C-AL;470uF,20%,10V,-,-,10x12.5	C153,C154,C155
2	2401-002075	ROH	C-AL;4.7uF,20%,50V,GP,TP,5x11,	C33,C35
2	2902-001011	ROH	FILTER-LINE;-,-,-	BD103,BD151,BD152
2	2902-001011	ROH	FILTER-LINE;-,-,-	BD1,BD101,BD102
2	3301-000344	ROH	CORE-FERRITE BEAD;ZZ,3.5x6.5mm	FB1,FB2,FB3,FB4,FB5
2	3602-000001	ROH	FUSE-CLIP;-,-,30mohm	FH1,FH2,FH3,FH4
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP25-JP31,JP33-JP53
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP16,JP17,JP21-JP23
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP8,JP10,JP11,JP13

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JS3-JS5,JP4-JP6
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP617,R205,R412
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP602,JP605,JP616
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP217-JP234,JP268
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP209-JP214,JP216
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP204-JP206,JP208
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP55-JP60,JP62,JP63
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP65-JP182,JP187
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP272-JP276,JP601
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP188-JP200,JP203
2	JC41-10529A	ROH	PCB-ENGINE;ML-5500,FR-1,1L,T1.	
1	JC94-01035A	HALB	PRA AUTO ROT-EUROPE	
2	0402-000104	ROH	DIODE-BRIDGE;D3SBA60,600V,4A,-	DB101
2	0402-000304	ROH	DIODE-RECTIFIER;STPR1020CF,200	D153
2	0402-000314	ROH	DIODE-RECTIFIER;D10SC4M,40V,10	D152
2	0502-000245	ROH	TR-POWER;KSB1151-Y,PNP,1.3W,TO	Q9
2	0502-001124	ROH	TR-POWER;KSD526,NPN,30W,TO-220	Q201,Q202,Q203,Q204
2	0505-000173	ROH	FET-SILICON;SSP5N90,N,900V,5A,	Q102
2	0604-000142	ROH	PHOTO-COUPLER;TR,-,200mW,DIP-4	PC152,PC153
2	0604-000146	ROH	PHOTO-COUPLER;TRIAC,-,250mW,DI	P92 PC151
2	0604-001033	ROH	PHOTO-INTERRUPTER;TR,-,150mW,D	OP1,OP2,OP3,OP4
2	0801-000528	ROH	IC-CMOS LOGIC;74HCT574,D FLIP-	U4
2	0801-000722	ROH	IC-CMOS LOGIC;74HC245,TRANSCEI	U6
2	0803-000679	ROH	IC-TTL;7406,BUFFER/DRIVER,DIP,	U205
2	0803-001097	ROH	IC-TTL;7407,BUFFER/DRIVER,DIP,	U203
2	0903-000219	ROH	IC-MICROCOMPUTER;88C4316,8BIT,	U3
2	1201-000229	ROH	IC-OP AMP;324,DIP,14P,300MIL,Q	U201
2	1202-000103	ROH	IC-VOLTAGE COMP.;393,DIP,8P,30	U5
2	1203-000258	ROH	IC-POSI.FIXED REG.;7818,TO-220	U202
2	1203-000531	ROH	IC-SWITCH VOL. REG.;5311,DIP,8	U101
2	1401-000108	ROH	THYRISTOR-TRIAC;100A,600V,-,5V	Q101
2	1404-000167	ROH	THERMISTOR-NTC;5ohm,10%,3150K,	TH101
2	1405-000147	ROH	VARISTOR;470V,4500A,17x12mm,BK	NR101
2	2003-000703	ROH	R-METAL OXIDE(S);470ohm,5%,3W,	R157,R158
2	2003-000706	ROH	R-METAL OXIDE(S);47Kohm,5%,2W,	R108
2	2005-000168	ROH	R-WIRE WOUND,NON;0.22ohm,5%,2W	R114
2	2009-001082	ROH	R-METAL GLAZE;30Mohm,2%,2W,-,B	R280
2	2009-001083	ROH	R-METAL GLAZE;200Mohm,2%,1/2W,	R220
2	2009-001084	ROH	R-METAL GLAZE;30Mohm,2%,0.5W,C	R211

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
2	2009-001085	ROH	R-METAL GLAZE;10Mohm,3%,1/2W,C	R201
2	2103-000156	ROH	VR-SEMI;10Kohm,10%,1/2W,TOP	VR201,VR202
2	2103-000270	ROH	VR-SEMI;20Kohm,10%,1/2W,TOP	VR203
2	2201-000023	ROH	C-CERAMIC,DISC;2.2nF,20%,125V,	C103,C104,C115
2	2201-000154	ROH	C-CERAMIC,DISC;10nF,+80-20%,2K	C108
2	2201-002066	ROH	C-CERAMIC,DISC;470pF,10%,6KV,Y	C211,C212,C215,C216
2	2201-002067	ROH	C-CERAMIC,DISC;100pF,10%,6KV,Y	C213
2	2306-000114	ROH	C-FILM,MPPF;100nF,20%,250VAC,B	C102
2	2401-000183	ROH	C-AL;1000uF,20%,35V,WT,TP,12.5	C156,C157
2	2401-000697	ROH	C-AL;2200uF,20%,16V,WT,TP,12.5	C151
2	2401-001691	ROH	C-AL;150uF,20%,400V,WT,BK,30x2	C107
2	2501-000203	ROH	C-PAPER;470nF,0.2,250VAC,TP,26	C101
2	2801-000002	ROH	CRYSTAL-UNIT;6.94407MHz,50ppm,	X1
2	3405-000125	ROH	SWITCH-MICRO;125V,5A,50gf,SPDT	SW151,SW152
2	3601-000003	ROH	FUSE-FERRULE;250V,5A,FAST ACTI	F151
2	3601-000296	ROH	FUSE-FERRULE;250V,5A,TIME LAG,	F101
2	3704-000235	ROH	SOCKET-IC;28P,DIP,SN,2.54mm	U2
2	3711-000164	ROH	CONNECTOR-HEADER;1WALL,2P,1R,2	CN4
2	3711-000217	ROH	CONNECTOR-HEADER;1WALL,3P,1R,3	CN101
2	3711-000633	ROH	CONNECTOR-HEADER;BOX,11P,1R,2m	CN3
2	3711-000782	ROH	CONNECTOR-HEADER;BOX,2P,1R,2.0	CN105
2	3711-000817	ROH	CONNECTOR-HEADER;BOX,2P,1R,2.5	CN10
2	3711-000865	ROH	CONNECTOR-HEADER;BOX,3P,1R,2mm	CN103
2	3711-001108	ROH	CONNECTOR-HEADER;BOX,8P,1R,2mm	CN6
2	3711-002104	ROH	CONNECTOR-HEADER;1WALL,2P,1R,7	CN102
2	3711-002410	ROH	CONNECTOR-HEADER;BOX,10P,2R,2m	CN104
2	3711-002653	ROH	CONNECTOR-HEADER;BOX,3P,1R,2.5	CN7
2	3711-003204	ROH	CONNECTOR-HEADER;BOX,24P,2R,2m	CN5
2	3711-003205	ROH	CONNECTOR-HEADER;BOX,4P,1R,2.0	CN2
2	6003-000119	ROH	SCREW-TAPTITE;BH,+,B,M3,L8,CBL	D152,D153
2	6003-000119	ROH	SCREW-TAPTITE;BH,+,B,M3,L8,CBL	Q101,Q201,Q203
2	JC26-20301B	ROH	TRANS AF-;ML-80,-,95MH	T202,T204
2	JC26-20301B	ROH	TRANS AF-;ML-80,-,95MH	T201
2	JC26-20301D	ROH	TRANS-AF;ML-80,-,0.32WIRE	T101
2	JC26-30503A	ROH	TRANS POWER;ML-165,-,400MH,26/	T203
2	JC27-40502A	ROH	COIL CHOCK-68uH;ML5500,68uH,0.	L103
2	JC27-60101B	ROH	COIL FILTER-;-,9UH,-,-	L152
2	JC27-60101C	ROH	COIL FILTER-;-,6UH,-,-	L151
2	JC27-60501A	ROH	COIL FILTER-LINE220V;ML5500,13	L101
2	JC27-60503A	ROH	COIL FILTER-3mH;ML5500,3.0mH,0	L102

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
2	JC33-10501B	ROH	SOLENOID-6000;ML-6000,24VDC,72	
2	JC61-70100A	ROH	SPRING-PS;ML-66G,STS304-W1/2H,	SMPS H/SINK
2	JC62-20001A	ROH	TUBE-IRF840;SSP5N90,IRF840,-,T	TUBE(Q102)
2	JC62-30001A	ROH	HEAT SINK-TRANS;ML-80,AL,-	HS102
2	JC62-30002A	OH	HEAT SINK-SMPS;ML-80,AL,-	HS202
2	JC70-10909A	ROH	IPR-CONNECTOR HV;ML-80,AL,T0.8	HP1,HP2,HP3,HP4
2	JF62-30201A	ROH	HEAT SINK;HVPS,SPCC,t1.0	HS101,HS201
1	JF68-30527N	ROH	ROM LABEL	

7-2 Engine Part List (QwikLaser 6000 : 110V)

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
1	JC94-01030A	HALB	PRA AUTO-ENGINE 110V	
2	0401-000005	ROH	DIODE-SWITCHING;1N4148,75V,300	D504,D505
2	0401-000005	ROH	DIODE-SWITCHING;1N4148,75V,300	D225,D226,D227,D228
2	0401-000005	ROH	DIODE-SWITCHING;1N4148,75V,300	D233,D401
2	0401-000005	ROH	DIODE-SWITCHING;1N4148,75V,300	D229,D230,D231,D232
2	0401-000005	ROH	DIODE-SWITCHING;1N4148,75V,300	D4,D5,D6,D7,D101
2	0401-000005	ROH	DIODE-SWITCHING;1N4148,75V,300	D215,D220
2	0401-000005	ROH	DIODE-SWITCHING;1N4148,75V,300	D221,D222,D223,D224
2	0401-000005	ROH	DIODE-SWITCHING;1N4148,75V,300	D154,D209
2	0401-000005	ROH	DIODE-SWITCHING;1N4148,75V,300	D500,D501,D502
2	0402-000012	ROH	DIODE-RECTIFIER;UF4007,1KV,1A,	D102
2	0402-000129	ROH	DIODE-RECTIFIER;1N4003,200V,1A	D1,D216,D217
2	0402-000129	ROH	DIODE-RECTIFIER;1N4003,200V,1A	D503
2	0402-000145	ROH	DIODE-RECTIFIER;1N4937,600V,1A	D103
2	0402-000468	ROH	DIODE-RECTIFIER;ESJS58-06,6KV,	D205,D206,D207,D208
2	0402-001193	ROH	DIODE-RECTIFIER;SHV-04,4KV,20m	D210
2	0402-001193	ROH	DIODE-RECTIFIER;SHV-04,4KV,20m	D201,D202,D203,D204
2	0403-000005	ROH	DIODE-ZENER;UZ5.1B,4.8-5.4V,50	ZD102
2	0403-000338	ROH	DIODE-ZENER;UZ27BM,27V,25.7-28	ZD103
2	0403-000346	ROH	DIODE-ZENER;UZ33B,33V,30-36V,5	ZD152,ZD204,ZD205
2	0403-000475	ROH	DIODE-ZENER;1N5274B,130V,5%,50	ZD203
2	0403-000554	ROH	DIODE-ZENER;UZ7.5BM,7.2-7.7V,5	ZD202
2	0501-000010	ROH	TR-SMALL SIGNAL;KSC1008,NPN,80	Q211
2	0501-000010	ROH	TR-SMALL SIGNAL;KSC1008,NPN,80	Q500,Q503
2	0501-000010	ROH	TR-SMALL SIGNAL;KSC1008,NPN,80	Q3,Q4,Q8,Q10,Q208
2	0501-000294	ROH	TR-SMALL SIGNAL;KSA708-Y,PNP,8	Q501,Q502
2	0501-000294	ROH	TR-SMALL SIGNAL;KSA708-Y,PNP,8	Q207,Q209
2	1203-000002	ROH	IC-POSI.ADJUST REG.;431,TO-92,	U151
2	2001-000003	ROH	R-CARBON;330ohm,5%,1/8W,AA,TP,	R406
2	2001-000003	ROH	R-CARBON;330ohm,5%,1/8W,AA,TP,	R25,R52,R111,R151
2	2001-000005	ROH	R-CARBON;390ohm,5%,1/8W,AA,TP,	R218,R221,R231
2	2001-000010	ROH	R-CARBON;68Kohm,5%,1/8W,AA,TP,	R240
2	2001-000012	ROH	R-CARBON;680Kohm,5%,1/8W,AA,TP	R236
2	2001-000015	ROH	R-CARBON(S);0.5ohm,5%,1/2W,AA,	R62
2	2001-000016	ROH	R-CARBON(S);1ohm,5%,1/2W,AA,TP	R8
2	2001-000019	ROH	R-CARBON(S);10ohm,5%,1/2W,AA,T	R217,R230
2	2001-000023	ROH	R-CARBON;47ohm,5%,1/4,AA,TP,2.	R109

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
2	2001-000027	ROH	R-CARBON;100ohm,5%,1/4,AA,TP,2	R104
2	2001-000045	ROH	R-CARBON;1.8Kohm,5%,1/4W,AA,TP	R274
2	2001-000085	ROH	R-CARBON(S);100Kohm,5%,1/2W,AA	R106,R107
2	2001-000105	ROH	R-CARBON;1.5Kohm,5%,1/4W,AA,TP	R14
2	2001-000118	ROH	R-CARBON(S);180ohm,5%,1/2W,AA,	R103
2	2001-000221	ROH	R-CARBON;1.2Kohm,5%,1/8W,AA,TP	R39,R251
2	2001-000273	ROH	R-CARBON;100Kohm,5%,1/8W,AA,TP	R238
2	2004-000634	ROH	R-METAL;261Kohm,1%,1/8W,AA,TP	R215
2	2001-000281	ROH	R-CARBON;100ohm,5%,1/8W,AA,TP,	R514
2	2001-000281	ROH	R-CARBON;100ohm,5%,1/8W,AA,TP,	R284,R285,R293,R422
2	2001-000281	ROH	R-CARBON;100ohm,5%,1/8W,AA,TP,	R155,R252,R282,R283
2	2001-000281	ROH	R-CARBON;100ohm,5%,1/8W,AA,TP,	R15,R24,R29,R30,R31
2	2001-000331	ROH	R-CARBON;12Kohm,5%,1/8W,AA,TP,	R56,R63
2	2001-000362	ROH	R-CARBON;150ohm,5%,1/8W,AA,TP,	R16,R23,R64
2	2001-000362	ROH	R-CARBON;150ohm,5%,1/8W,AA,TP,	R512
2	2001-000429	ROH	R-CARBON;1Kohm,5%,1/8W,AA,TP,1	R41,R42,R44,R45,R46
2	2001-000429	ROH	R-CARBON;1Kohm,5%,1/8W,AA,TP,1	R408
2	2001-000429	ROH	R-CARBON;1Kohm,5%,1/8W,AA,TP,1	R49
2	2001-000429	ROH	R-CARBON;1Kohm,5%,1/8W,AA,TP,1	R18,R33,R34,
2	2001-000435	ROH	R-CARBON;1Mohm,5%,1/8W,AA,TP,1	R502
2	2001-000449	ROH	R-CARBON;2.2Kohm,5%,1/8W,AA,TP	R501,R504
2	2001-000449	ROH	R-CARBON;2.2Kohm,5%,1/8W,AA,TP	R48,R225,R250,R256
2	2001-000515	ROH	R-CARBON;220ohm,5%,1/8W,AA,TP,	R27,R424,R425,R426
2	2001-000552	ROH	R-CARBON;270ohm,5%,1/4W,AA,TP,	R112
2	2001-000563	ROH	R-CARBON;27Kohm,5%,1/8W,AA,TP,	R253
2	2001-000577	ROH	R-CARBON;2Kohm,5%,1/8W,AA,TP,1	R152
2	2001-000660	ROH	R-CARBON;33Kohm,5%,1/8W,AA,TP,	R249
2	2001-000660	ROH	R-CARBON;33Kohm,5%,1/8W,AA,TP,	R257,R263,R266
2	2001-000660	ROH	R-CARBON;33Kohm,5%,1/8W,AA,TP,	R413,R419,R421
2	2001-000660	ROH	R-CARBON;33Kohm,5%,1/8W,AA,TP,	R500,R503,R507
2	2001-000734	ROH	R-CARBON;4.7Kohm,5%,1/8W,AA,TP	R110
2	2001-000780	ROH	R-CARBON;470ohm,5%,1/8W,AA,TP,	R156
2	2001-000786	ROH	R-CARBON;47Kohm,5%,1/8W,AA,TP,	R54,R223,R224,R227
2	2001-000812	ROH	R-CARBON;5.6Kohm,5%,1/8W,AA,TP	R38,R40,R51,R59
2	2001-000812	ROH	R-CARBON;5.6Kohm,5%,1/8W,AA,TP	R60,R61,R260
2	2001-000812	ROH	R-CARBON;5.6Kohm,5%,1/8W,AA,TP	R261,R405
2	2001-000812	ROH	R-CARBON;5.6Kohm,5%,1/8W,AA,TP	R19,R26,R28,R35,R36
2	2001-000816	ROH	R-CARBON;5.6ohm,5%,1/4W,AA,TP,	R113

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
2	2001-000832	ROH	R-CARBON;510ohm,5%,1/8W,AA,TP,	R20,R407
2	2001-000864	ROH	R-CARBON;56Kohm,5%,1/8W,AA,TP,	R53,R248
2	2001-001015	ROH	R-CARBON;9.1Kohm,5%,1/8W,AA,TP	R262
2	2001-001070	ROH	R-CARBON(S);120ohm,5%,1/2W,AA,	R102
2	2001-001093	ROH	R-CARBON(S);2.2Kohm,5%,1/2W,AA	R292
2	2001-001119	ROH	R-CARBON(S);3.3Mohm,5%,1/2W,AA	R210,R212,R226,R229
2	2001-001119	ROH	R-CARBON(S);3.3Mohm,5%,1/2W,AA	R239
2	2001-001150	ROH	R-CARBON(S);470Kohm,5%,1/2W,AA	R101,R105
2	2001-001165	ROH	R-CARBON(S);56ohm,5%,1/2W,AA,T	R216,R219
2	2004-000002	ROH	R-METAL;78.7Kohm,1%,1/8W,AA,TP	R247
2	2004-000003	ROH	R-METAL;16.2Kohm,1%,1/8W,AA,TP	R237
2	2004-000345	ROH	R-METAL;15Kohm,1%,1/8W,AA,TP,1	R513
2	2004-000345	ROH	R-METAL;15Kohm,1%,1/8W,AA,TP,1	R17,R22,R55,R222
2	2004-000345	ROH	R-METAL;15Kohm,1%,1/8W,AA,TP,1	R43
2	2004-000385	ROH	R-METAL;17.4Kohm,1%,1/8W,AA,TP	R510,R268
2	2004-000433	ROH	R-METAL;1Kohm,1%,1/8W,AA,TP,1.	R58,R213
2	2004-000544	ROH	R-METAL;21.5Kohm,1%,1/8W,AA,TP	R508
2	2004-000691	ROH	R-METAL;3.16Kohm,1%,1/8W,AA,TP	R153
2	2004-000699	ROH	R-METAL;3.3Kohm,1%,1/8W,AA,TP,	R57,R516
2	2004-000754	ROH	R-METAL;309Kohm,1%,1/8W,AA,TP,	R511
2	2004-000869	ROH	R-METAL;3Kohm,1%,1/8W,AA,TP,1.	R154
2	2004-000884	ROH	R-METAL;4.3Kohm,1%,1/8W,AA,TP,	R37
2	2004-000900	ROH	R-METAL;4.7Kohm,1%,1/8W,AA,TP,	R47
2	2004-000965	ROH	R-METAL;470Kohm,1%,1/8W,AA,TP,	R243
2	2004-001156	ROH	R-METAL;619Kohm,1%,1/8W,AA,TP,	R509
2	2004-001231	ROH	R-METAL;75Kohm,1%,1/8W,AA,TP,1	R269
2	2004-001231	ROH	R-METAL;75Kohm,1%,1/8W,AA,TP,1	R506
2	2004-001315	ROH	R-METAL;86.6Kohm,1%,1/8W,AA,TP	R505
2	2004-001315	ROH	R-METAL;86.6Kohm,1%,1/8W,AA,TP	R234
2	2004-001357	ROH	R-METAL;93.1Kohm,1%,1/8W,AA,TP	R515
2	2004-001357	ROH	R-METAL;93.1Kohm,1%,1/8W,AA,TP	R233
2	2004-002001	ROH	R-METAL;12.1Kohm,1%,1/8W,AA,TP	R245
2	2004-004179	ROH	R-METAL;174Kohm,1%,1/8W,AA,TP,	R258
2	2009-001041	ROH	R-METAL GLAZE;2Mohm,1%,1/4W,AA	R208,R209
2	2009-001042	ROH	R-METAL GLAZE;4.7Mohm,1%,1/4W,	R204,R207,R277
2	2201-000003	ROH	C-CERAMIC,DISC;68pF,10%,2KV,SL	C203,C404
2	2201-000004	ROH	C-CERAMIC,DISC;100pF,10%,2KV,S	C220
2	2201-000017	ROH	C-CERAMIC,DISC;1nF,10%,50V,Y5P	C42,C43,C45,C237

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
2	2201-000017	ROH	C-CERAMIC,DISC;1nF,10%,50V,Y5P	C31,C38,C39,C40,C41
2	2201-000017	ROH	C-CERAMIC,DISC;1nF,10%,50V,Y5P	C17,C22,C27,C29 |
2	2201-000019	ROH	C-CERAMIC,DISC;10nF,+80-20%,50	C106,C501
2	2201-000021	ROH	C-CERAMIC,DISC;100nF,+80-20%,5	C26,C32,C34,C37,C46
2	2201-000021	ROH	C-CERAMIC,DISC;100nF,+80-20%,5	C222,C226,C227,C229
2	2201-000021	ROH	C-CERAMIC,DISC;100nF,+80-20%,5	C209
2	2201-000138	ROH	C-CERAMIC,DISC;100pF,10%,50V,Y	C16,C28,C30,C402
2	2201-000163	ROH	C-CERAMIC,DISC;10nF,79.8,50V,Y	C405
2	2201-000163	ROH	C-CERAMIC,DISC;10nF,79.8,50V,Y	C1,C13,C14
2	2201-000163	ROH	C-CERAMIC,DISC;10nF,79.8,50V,Y	C19
2	2201-000163	ROH	C-CERAMIC,DISC;10nF,79.8,50V,Y	C217,C231
2	2201-000163	ROH	C-CERAMIC,DISC;10nF,79.8,50V,Y	C24,C36
2	2201-000326	ROH	C-CERAMIC,DISC;2.2nF,10%,50V,Y	C221,C223,C225
2	2201-000326	ROH	C-CERAMIC,DISC;2.2nF,10%,50V,Y	C230
2	2201-000326	ROH	C-CERAMIC,DISC;2.2nF,10%,50V,Y	C500
2	2201-000391	ROH	C-CERAMIC,DISC;22pF,5%,50V,SL,	C20,C21
2	2201-000473	ROH	C-CERAMIC,DISC;33nF,+80-20%,50	C224
2	2201-000473	ROH	C-CERAMIC,DISC;33nF,+80-20%,50	C207,C208,C210,C214
2	2201-000645	ROH	C-CERAMIC,DISC;680pF,5%,50V,SL	C111
2	2201-000724	ROH	C-CERAMIC,DISC;470pF,0.1,3KV,Y	C201,C204,C219
2	2201-000724	ROH	C-CERAMIC,DISC;470pF,0.1,3KV,Y	C202,C206
2	2202-000002	ROH	C-CERAMIC,MLC-AXIAL;10nF,0.05,	C502
2	2202-000002	ROH	C-CERAMIC,MLC-AXIAL;10nF,0.05,	C10,C12,C15,C18,C401
2	2202-000888	ROH	C-CERAMIC,MLC-RADIAL;100nF,20%	C110,C112
2	2301-000490	ROH	C-FILM,PEF;4.7nF,5%,100V,TP,5.	C113,C505
2	2401-000207	ROH	C-AL;100uF,20%,50V,WT,TP,8x12,	C228,C503,C504,C506
2	2401-000613	ROH	C-AL;1uF,20%,50V,WT,TP,5x11,5	C109,C152
2	2401-001476	ROH	C-AL;47uF,20%,10V,GP,TP,6.3x5m	C11
2	2401-001585	ROH	C-AL;47uF,20%,50V,WT,TP,8x11.5	C114
2	2401-001700	ROH	C-AL;470uF,20%,10V,-,-,10x12.5	C153,C154,C155
2	2401-002075	ROH	C-AL;4.7uF,20%,50V,GP,TP,5x11,	C33,C35
2	2902-001011	ROH	FILTER-LINE;-,-,-	BD1,BD101,BD102
2	2902-001011	ROH	FILTER-LINE;-,-,-	BD103,BD151,BD152
2	3301-000344	ROH	CORE-FERRITE BEAD;ZZ,3.5x6.5mm	FB1,FB2,FB3,FB4,FB5
2	3602-000001	ROH	FUSE-CLIP;-,-,30mohm	FH1,FH2,FH3,FH4
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP188-JP200,JP203
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP65-JP182,JP187
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP55-JP60,JP62,JP63
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP31,JP33-JP53
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP16,JP17,JP21-JP23

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP8,JP10,JP11,JP13
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JS3-JS5,JP4-JP6
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP617,R205,R412,R517
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP602,JP605,JP616
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP272-JP276,JP601
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP204-JP206,JP208
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP209-JP214,JP216
2	JC39-40511A	ROH	CBF-HARNESS;ML-80,JUMPER,AWG22	JP217-JP234,JP268
2	JC41-10529A	ROH	PCB-ENGINE;ML-5500,FR-1,1L,T1.	
1	JC94-01031A	HALB	PRA AUTO ROT-ENG110V	
2	0402-000104	ROH	DIODE-BRIDGE;D3SBA60,600V,4A,-	DB101
2	0402-000304	ROH	DIODE-RECTIFIER;STPR1020CF,200	D153
2	0402-000314	ROH	DIODE-RECTIFIER;D10SC4M,40V,10	D152
2	0502-000245	ROH	TR-POWER;KSB1151-Y,PNP,1.3W,TO	Q9
2	0502-001124	ROH	TR-POWER;KSD526,NPN,30W,TO-220	Q201,Q202,Q203,Q204
2	0505-000135	ROH	FET-SILICON;IRF840,N,500V,8A,0	Q102
2	0604-000001	ROH	PHOTO-COUPLER;TR,50-60%,200mW,	C152,PC153
2	0604-000146	ROH	PHOTO-COUPLER;TRIAC,-,250mW,DI	PC151
2	0604-001033	ROH	PHOTO-INTERRUPTER;TR,-,150mW,D	OP1,OP2,OP3,OP4
2	0801-000528	ROH	IC-CMOS LOGIC;74HCT574,D FLIP-	U4
2	0801-000722	ROH	IC-CMOS LOGIC;74HC245,TRANSCEI	U6
2	0803-000679	ROH	IC-TTL;7406,BUFFER/DRIVER,DIP,	U205
2	0803-001097	ROH	IC-TTL;7407,BUFFER/DRIVER,DIP,	U203
2	0903-000219	ROH	IC-MICROCOMPUTER;88C4316,8BIT,	U3
2	1201-000229	ROH	IC-OP AMP;324,DIP,14P,300MIL,Q	U201
2	1202-000103	ROH	IC-VOLTAGE COMP.;393,DIP,8P,30	U5
2	1203-000258	ROH	IC-POSI.FIXED REG.;7818,TO-220	U202
2	1203-000531	ROH	IC-SWITCH VOL. REG.;5311,DIP,8	U101
2	1401-000108	ROH	THYRISTOR-TRIAC;100A,600V,-,5V	Q101
2	1404-000167	ROH	THERMISTOR-NTC;5ohm,10%,3150K,	TH101
2	1405-000147	ROH	VARISTOR;470V,4500A,17x12mm,BK	TNR101
2	2003-000703	ROH	R-METAL OXIDE(S);470ohm,5%,3W,	R157,R158
2	2003-000706	ROH	R-METAL OXIDE(S);47Kohm,5%,2W,	R108
2	2005-000164	ROH	R-WIRE WOUND,NON;0.1ohm,5%,2W,	R114
2	2009-001082	ROH	R-METAL GLAZE;30Mohm,2%,2W,-,B	R280
2	2009-001083	ROH	R-METAL GLAZE;200Mohm,2%,1/2W,	R220
2	2009-001084	ROH	R-METAL GLAZE;30Mohm,2%,0.5W,C	R211
2	2009-001085	ROH	R-METAL GLAZE;10Mohm,3%,1/2W,C	R201
2	2103-000156	ROH	VR-SEMI;10Kohm,10%,1/2W,TOP	VR201,VR202,VR204
2	2103-000270	ROH	VR-SEMI;20Kohm,10%,1/2W,TOP	VR203

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
2	2201-000023	ROH	C-CERAMIC,DISC;2.2nF,20%,125V,	C103,C104,C115
2	2201-000154	ROH	C-CERAMIC,DISC;10nF,+80-20%,2K	C108
2	2201-002066	ROH	C-CERAMIC,DISC;470pF,10%,6KV,Y	C211,C212,C215,C216
2	2201-002067	ROH	C-CERAMIC,DISC;100pF,10%,6KV,Y	C213
2	2301-000323	ROH	C-FILM,PEF;220nF,0.1,250V,-,-,	C101
2	2305-000002	ROH	C-FILM,MPEF;47nF,20%,250VAC,BK	C102
2	2401-000183	ROH	C-AL;1000uF,20%,35V,WT,TP,12.5	C156,C157
2	2401-000697	ROH	C-AL;2200uF,20%,16V,WT,TP,12.5	C151
2	2401-003203	ROH	C-AL;470uF,20%,200V,GP,BK,30x2	C107
2	2801-000002	ROH	CRYSTAL-UNIT;6.94407MHz,50ppm,	X1
2	3405-000125	ROH	SWITCH-MICRO;125V,5A,50gf,SPDT	SW151,SW152
2	3601-000151	ROH	FUSE-FERRULE;125V,5A,NON TIME,	F151
2	3601-000157	ROH	FUSE-FERRULE;125V,8A,SLOW BLOW	F101
2	3704-000235	ROH	SOCKET-IC;28P,DIP,SN,2.54mm	U2
2	3711-000164	ROH	CONNECTOR-HEADER;1WALL,2P,1R,2	CN4
2	3711-000217	ROH	CONNECTOR-HEADER;1WALL,3P,1R,3	CN101
2	3711-000633	ROH	CONNECTOR-HEADER;BOX,11P,1R,2m	CN3
2	3711-000782	ROH	CONNECTOR-HEADER;BOX,2P,1R,2.0	CN105
2	3711-000817	ROH	CONNECTOR-HEADER;BOX,2P,1R,2.5	CN10
2	3711-000865	ROH	CONNECTOR-HEADER;BOX,3P,1R,2mm	CN103
2	3711-001108	ROH	CONNECTOR-HEADER;BOX,8P,1R,2mm	CN6
2	3711-002104	ROH	CONNECTOR-HEADER;1WALL,2P,1R,7	CN102
2	3711-002410	ROH	CONNECTOR-HEADER;BOX,10P,2R,2m	CN104
2	3711-002653	ROH	CONNECTOR-HEADER;BOX,3P,1R,2.5	CN7
2	3711-003204	ROH	CONNECTOR-HEADER;BOX,24P,2R,2m	CN5
2	3711-003205	ROH	CONNECTOR-HEADER;BOX,4P,1R,2.0	CN2
2	6003-000119	ROH	SCREW-TAPTITE;BH,+,B,M3,L8,CBL	D152,D153
2	6003-000119	ROH	SCREW-TAPTITE;BH,+,B,M3,L8,CBL	Q101,Q201,Q203
2	JC26-20301B	ROH	TRANS AF-;ML-80,-,95MH	T202,T204
2	JC26-20301B	ROH	TRANS AF-;ML-80,-,95MH	T201
2	JC26-20301C	ROH	TRANS AF-;ML-80,-,0.4WIRE	T101
2	JC26-30503A	ROH	TRANS POWER;ML-165,-,400MH,26/	T203
2	JC27-40502A	ROH	COIL CHOCK-68uH;ML5500,68uH,0.	L103
2	JC27-60101B	ROH	COIL FILTER-;-,9UH,-,-	L152
2	JC27-60101C	ROH	COIL FILTER-;-,6UH,-,-	L151
2	JC27-60502A	ROH	COIL FILTER-LINE110V;ML5500,7.	L101
2	JC27-60503A	ROH	COIL FILTER-3mH;ML5500,3.0mH,0	L102
2	JC33-10501B	ROH	SOLENOID-6000;ML-6000,24VDC,72	
2	JC61-70100A	ROH	SPRING-PS;ML-66G,STS304-W1/2H,	SMPS H/SINK

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
2	JC62-20001A	ROH	TUBE-IRF840;SSP5N90,IRF840,-,T	TUBE(Q102)
2	JC62-30001A	ROH	HEAT SINK-TRANS;ML-80,AL,-	HS102
2	JC62-30002A	ROH	HEAT SINK-SMPS;ML-80,AL,-	HS202
2	JC70-10909A	ROH	IPR-CONNECTOR HV;ML-80,AL,T0.8	HP1,HP2,HP3,HP4
2	JF62-30201A	ROH	HEAT SINK;HVPS,SPCC,t1.0	HS101,HS201
1	JF68-30527N	ROH	ROM LABEL	

7-3 Controller Board Part List (XEG,XEU,XAR)

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
1	JC92-01049A	HALB	PBA SUB-CONTROLLER	
2	2804-000380	ROH	OSCILLATOR-CLOCK;50MHz,100ppm,	OSC1
2	2804-001230	ROH	OSCILLATOR-CLOCK;47.7789MHz,10	OSC2
2	3702-000118	ROH	CONNECTOR-RIBBON;36P,FEMALE,AN	J11
2	3702-001104	ROH	CONNECTOR-RIBBON;30P,FEMALE,ST	J10
2	3709-000177	ROH	CONNECTOR-CARD EDGE;72P,1.27mm	J1,J13
2	3711-000817	ROH	CONNECTOR-HEADER;BOX,2P,1R	J2
2	3711-001091	ROH	CONNECTOR-HEADER;BOX,7P,1R,2.5	J12
2	3711-003204	ROH	CONNECTOR-HEADER;BOX,24P,2R,2m	J7
2	3711-003205	ROH	CONNECTOR-HEADER;BOX,4P,1R,2.0	J6
1	JC94-01032A	HALB	PRA AUTO SMD-CONT	
2	0801-001081	ROH	IC-CMOS LOGIC;74ACT373,TRANSPA	U14,U19,U23
2	0801-002266	ROH	IC-CMOS LOGIC;74HCT273,D F/F,S	U3,U4
2	0802-001015	ROH	IC-BICMOS LOGIC;74ABT373CSC,LA	U7,U8,U13,U22
2	0802-001034	ROH	IC-BICMOS LOGIC;74ABT245,TRANS	U10,U11,U12,U17
2	0803-000117	ROH	IC-TTL;74F14,INVERTER,SOP,14P,	U9,U36
2	0803-000274	ROH	IC-TTL;74F32,OR GATE,SOP,14P,1	U35
2	0803-003058	ROH	IC-TTL;74F1071,ESD,SOP,20P,-,-	U15
2	1006-000243	ROH	IC-LINE TRANSCEIVER;74ACT245,S	U5,U6
2	1103-000133	ROH	IC-EEPROM;93C66,256x16BIT,SOP,	U1
2	1105-000191	ROH	IC-DRAM;416C120,-,-,-,-,70nS,5	U20,U29
2	1107-001046	ROH	IC-FLASH MEMORY;29F800,512Kx16	U30,U32
2	1203-000346	ROH	IC-VOL. SUPERVISORY;7705,SOP,8	U21
2	1203-001026	ROH	IC-POSI.FIXED REG.;33269,DPAK,	U28,U33
2	2007-000029	ROH	R-CHIP;0ohm,5%,1/10W,DA,TP,201	R1,R131,R170
2	2007-000290	ROH	R-CHIP;100ohm,5%,1/10W,DA,TP,2	R247,R255-R258,R262
2	2007-000290	ROH	R-CHIP;100ohm,5%,1/10W,DA,TP,2	R137,R186,R217,R235
2	2007-000290	ROH	R-CHIP;100ohm,5%,1/10W,DA,TP,2	R100,R102-R107
2	2007-000290	ROH	R-CHIP;100ohm,5%,1/10W,DA,TP,2	R264-R269,R271-R275
2	2007-000290	ROH	R-CHIP;100ohm,5%,1/10W,DA,TP,2	R277,R278,R281,R282
2	2007-000290	ROH	R-CHIP;100ohm,5%,1/10W,DA,TP,2	R284,R287-R293,R295
2	2007-000290	ROH	R-CHIP;100ohm,5%,1/10W,DA,TP,2	R298,R300
2	2007-000300	ROH	R-CHIP;10Kohm,5%,1/10W,DA,TP,2	R220,R222,R223
2	2007-000300	ROH	R-CHIP;10Kohm,5%,1/10W,DA,TP,2	R218,R302
2	2007-000300	ROH	R-CHIP;10Kohm,5%,1/10W,DA,TP,2	R206,R209-R214,R216
2	2007-000300	ROH	R-CHIP;10Kohm,5%,1/10W,DA,TP,2	R310
2	2007-000300	ROH	R-CHIP;10Kohm,5%,1/10W,DA,TP,2	R117-R120,R132,R148
2	2007-000300	ROH	R-CHIP;10Kohm,5%,1/10W,DA,TP,2	R149,R150,R169,R204

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
2	2007-000300	ROH	R-CHIP;10Kohm,5%,1/10W,DA,TP,2	R225-R228,R236,R237
2	2007-000300	ROH	R-CHIP;10Kohm,5%,1/10W,DA,TP,2	R4,R8-R13,R16-R20
2	2007-000300	ROH	R-CHIP;10Kohm,5%,1/10W,DA,TP,2	R32,R37,R108,R110
2	2007-000300	ROH	R-CHIP;10Kohm,5%,1/10W,DA,TP,2	R285,R286,R296,R301
2	2007-000300	ROH	R-CHIP;10Kohm,5%,1/10W,DA,TP,2	R276,R279,R280,R283
2	2007-000300	ROH	R-CHIP;10Kohm,5%,1/10W,DA,TP,2	R250-R254,R259-R261
2	2007-000300	ROH	R-CHIP;10Kohm,5%,1/10W,DA,TP,2	R239-R242,R244,R249
2	2007-000308	ROH	R-CHIP;10ohm,5%,1/10W,DA,TP,20	R183,R294
2	2007-000312	ROH	R-CHIP;10ohm,5%,1/8W,DA,TP,321	R229
2	2007-000449	ROH	R-CHIP;180ohm,5%,1/10W,DA,TP,2	R192
2	2007-000449	ROH	R-CHIP;180ohm,5%,1/10W,DA,TP,2	R193,R200,R201,R243
2	2007-000449	ROH	R-CHIP;180ohm,5%,1/10W,DA,TP,2	R245
2	2007-000468	ROH	R-CHIP;1Kohm,5%,1/10W,DA,TP,20	R133,R136,R138-R141
2	2007-000468	ROH	R-CHIP;1Kohm,5%,1/10W,DA,TP,20	R144-R147,R163,R164
2	2007-000468	ROH	R-CHIP;1Kohm,5%,1/10W,DA,TP,20	R263
2	2007-000468	ROH	R-CHIP;1Kohm,5%,1/10W,DA,TP,20	R22,R24,R33,R123
2	2007-000493	ROH	R-CHIP;2.2Kohm,5%,1/10W,DA,TP,	R36
2	2007-000511	ROH	R-CHIP;2.4Kohm,5%,1/10W,DA,TP,	R246,R248
2	2007-000686	ROH	R-CHIP;3.3Kohm,5%,1/10W,DA,TP,	R311,R312
2	2007-000781	ROH	R-CHIP;33ohm,5%,1/10W,DA,TP,20	R101,R109,R115,R116
2	2007-000781	ROH	R-CHIP;33ohm,5%,1/10W,DA,TP,20	R121,R122,R124,R125
2	2007-000781	ROH	R-CHIP;33ohm,5%,1/10W,DA,TP,20	R130,R135,R151,R161
2	2007-000781	ROH	R-CHIP;33ohm,5%,1/10W,DA,TP,20	R172,R173,R184,R185
2	2007-000781	ROH	R-CHIP;33ohm,5%,1/10W,DA,TP,20	R208,R219,R221,R224
2	2007-000781	ROH	R-CHIP;33ohm,5%,1/10W,DA,TP,20	R21,R30,R31,R35
2	2007-000781	ROH	R-CHIP;33ohm,5%,1/10W,DA,TP,20	R23,R26,R27,R28,R29
2	2007-000781	ROH	R-CHIP;33ohm,5%,1/10W,DA,TP,20	R232,R233,R234,R38
2	2007-000781	ROH	R-CHIP;33ohm,5%,1/10W,DA,TP,20	R202,R203,R205,R207
2	2007-000872	ROH	R-CHIP;4.7Kohm,5%,1/10W,DA,TP,	R7
2	2007-000931	ROH	R-CHIP;470ohm,5%,1/10W,DA,TP,2	R165
2	2007-000964	ROH	R-CHIP;5.1Kohm,5%,1/10W,DA,TP,	R127-R129
2	2007-000964	ROH	R-CHIP;5.1Kohm,5%,1/10W,DA,TP,	R25,R111-R114,R126
2	2007-001133	ROH	R-CHIP;68ohm,5%,1/10W,DA,TP,20	R34,R134,R238
2	2011-001094	ROH	R-NETWORK;39ohm,5%,1/16W,L,CHI	RA1-RA16
2	2203-000199	ROH	C-CERAMIC,CHIP;100nF,79.8,50V,	C153,C154,C156-C162
2	2203-000199	ROH	C-CERAMIC,CHIP;100nF,79.8,50V,	C164-C166,C168,C169
2	2203-000199	ROH	C-CERAMIC,CHIP;100nF,79.8,50V,	C257-C268,C286,C287
2	2203-000199	ROH	C-CERAMIC,CHIP;100nF,79.8,50V,	C100-C107,C113,C122
2	2203-000199	ROH	C-CERAMIC,CHIP;100nF,79.8,50V,	C123,C124,C127,C129
2	2203-000199	ROH	C-CERAMIC,CHIP;100nF,79.8,50V,	C130-C138,C147,C148

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
2	2203-000199	ROH	C-CERAMIC,CHIP;100nF,79.8,50V,	C9,C33-C42,C44,C48
2	2203-000199	ROH	C-CERAMIC,CHIP;100nF,79.8,50V,	C171-C173,C182-C184
2	2203-000199	ROH	C-CERAMIC,CHIP;100nF,79.8,50V,	C249,C250,C252,C256
2	2203-000199	ROH	C-CERAMIC,CHIP;100nF,79.8,50V,	C236-C238,C241,C247
2	2203-000199	ROH	C-CERAMIC,CHIP;100nF,79.8,50V,	C216,C218,C219,C220
2	2203-000199	ROH	C-CERAMIC,CHIP;100nF,79.8,50V,	C211,C212,C213,C215
2	2203-000199	ROH	C-CERAMIC,CHIP;100nF,79.8,50V,	C210,C224-C226,C235
2	2203-000199	ROH	C-CERAMIC,CHIP;100nF,79.8,50V,	C189-C191,C196-C208
2	2203-000239	ROH	C-CERAMIC,CHIP;100pF,5%,50V,NP	C1,C3-C8,C28-C30,C53
2	2203-000239	ROH	C-CERAMIC,CHIP;100pF,5%,50V,NP	C109,C112,C120,C121
2	2203-000239	ROH	C-CERAMIC,CHIP;100pF,5%,50V,NP	C128,C187,C188,C192
2	2203-000239	ROH	C-CERAMIC,CHIP;100pF,5%,50V,NP	C193,C227,C269,C270
2	2203-000239	ROH	C-CERAMIC,CHIP;100pF,5%,50V,NP	C231
2	2203-000239	ROH	C-CERAMIC,CHIP;100pF,5%,50V,NP	C272,C288,C289,C293
2	2203-000274	ROH	C-CERAMIC,CHIP;10pF,0.25pF,50V	C222,C223,C239,C240
2	2203-000274	ROH	C-CERAMIC,CHIP;10pF,0.25pF,50V	C2,C10-C13,C108,C221
2	2203-000274	ROH	C-CERAMIC,CHIP;10pF,0.25pF,50V	C139
2	2203-000455	ROH	C-CERAMIC,CHIP;1nF,5%,50V,NPO,	C141
2	2203-000455	ROH	C-CERAMIC,CHIP;1nF,5%,50V,NPO,	C14-C25,C63,C140
2	2203-000455	ROH	C-CERAMIC,CHIP;1nF,5%,50V,NPO,	C301-C305
2	2203-000455	ROH	C-CERAMIC,CHIP;1nF,5%,50V,NPO,	C253,C283,C294,C295
2	2203-000595	ROH	C-CERAMIC,CHIP;220pF,5%,50V,NP	C142-C145,C149-C152
2	2203-000634	ROH	C-CERAMIC,CHIP;22pF,5%,50V,NPO	C110,C111,C175
2	2203-000634	ROH	C-CERAMIC,CHIP;22pF,5%,50V,NPO	C176,C300
2	2203-000634	ROH	C-CERAMIC,CHIP;22pF,5%,50V,NPO	C31,C43,C45,C46,C52
2	2203-000818	ROH	C-CERAMIC,CHIP;33pF,5%,50V,NPO	C126,C163,C178,C194
2	2203-000818	ROH	C-CERAMIC,CHIP;33pF,5%,50V,NPO	C195,C209,C233,C234
2	2203-000818	ROH	C-CERAMIC,CHIP;33pF,5%,50V,NPO	C400,C401,C403,C404
2	2203-000818	ROH	C-CERAMIC,CHIP;33pF,5%,50V,NPO	C405
2	2203-000938	ROH	C-CERAMIC,CHIP;470pF,5%,50V,NP	C115,C118,C119,C254
2	2203-000938	ROH	C-CERAMIC,CHIP;470pF,5%,50V,NP	C114,C116,C117
2	2203-000938	ROH	C-CERAMIC,CHIP;470pF,5%,50V,NP	C285,C291
2	2203-000938	ROH	C-CERAMIC,CHIP;470pF,5%,50V,NP	C255,C280-C282,C284
2	2203-001158	ROH	C-CERAMIC,CHIP;68pF,5%,50V,NPO	C49
2	2404-000128	ROH	C-TA,CHIP;10uF,20%,16V,-,TP,60	C47,C58
2	2404-000308	ROH	C-TA,CHIP;33uF,20%,10V,-,TP,73	C60,61
2	2404-000308	ROH	C-TA,CHIP;33uF,20%,10V,-,TP,73	C32,C51,C56,C59
2	2901-000229	ROH	FILTER-EMI SMD;50V,300mA,-,22n	LF2-LF5,LF7-LF9,LF11
2	2901-000229	ROH	FILTER-EMI SMD;50V,300mA,-,22n	LF13,LF14

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
2	2901-000235	ROH	FILTER-EMI SMD;50V,300mA,-,150	LF1,LF10
2	3301-001074	ROH	CORE-FERRITE BEAD;AB,2.0*1.25*	B113
2	3301-001074	ROH	CORE-FERRITE BEAD;AB,2.0*1.25*	B100,B103,B107-B112
2	3301-001074	ROH	CORE-FERRITE BEAD;AB,2.0*1.25*	B140,B141
2	4701-001020	ROH	FREQ-ATTENUATOR;5-80MHz,15dB,-	U16
2	JC09-10501A	ROH	IC MICRO COMPUTER;ML-165,XPE60	U26
2	JC11-10507A	ROH	IC MASK ROM-HIGH;ML-165,KM23C8	U25
2	JC11-10510A	ROH	IC MASK ROM-PCL6,EVE;ml-165,KM	U27
2	JC13-10503A	ROH	IC-ASIC;ML-68H+,QP1700(25MHz),	U2
2	JC13-10505A	ROH	IC ASIC-INTERFACE;ML-165,POWER	U24
2	JC41-10531A	ROH	PCB-CONTROLLER;ML-5500,FR4,4L,	

7-4 LED PANNEL Part List

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
1	JC92-00372A	HALB	PBA-PANEL,AUTO	
2	2001-000032	ROH	R-CARBON;180ohm,5%,1/4W,AA,TP,	R2,R3
2	2001-000032	ROH	R-CARBON;180ohm,5%,1/4W,AA,TP,	R1,R4
2	2202-000579	ROH	C-CERAMIC,MLC-AXIAL;100nF,+80-	C1
2	JC41-10003A	ROH	PCB-PANEL LED;ML-85/84,FR-4,2L	PCB-LED
1	JC92-00373A	HALB	PBA-PANEL,LED	
2	0601-000161	ROH	LED;ROUND,GRN,5mm,563nm	LED1
2	0601-000255	OH	LED;ROUND,RED,5mm,700nm	LED4
2	0601-000304	ROH	LED;ROUND,YEL,5mm,585nm	LED2,LED3
2	3404-000116	ROH	SWITCH-TACT;12V,50mA,160gf,6X6	SW1
2	3711-001096	ROH	CONNECTOR-HEADER;BOX,7P,1R,2.5	J1

7-5 PTL Board Part List

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
1	0601-000208	ROH	LED;CHIP,RED,1.5X2mm,660nm	LD1-LD18
1	2007-000797	ROH	R-CHIP;3600hm,1%,1/8W,DA,TP;3216	
1	JC41-10530A	ROH	PCB PTL;ML-6000,FR-4	

7-6 Motor Sub Part List

NO	CODE NO.	TYPE	DESCRIPTION/SPECIFICATION	LOCATION NO.
1	1003-001148	ROH	IC-MOTOR DRIVER;A2918SWV,DIP,1	U1
1	2005-000419	ROH	R-WIRE WOUND,NON;0.33ohm,1%,1W	R1,R2
1	2401-000450	ROH	C-AL;10uF,20%,25V,WT,TP,5x11,5	C1
1	2401-001585	ROH	C-AL;47uF,20%,50V,WT,TP,8x11.5	C2
1	3711-000470	ROH	CONNECTOR-HEADER;3WALL,4P,1R,2	CN3
1	3711-000817	ROH	CONNECTOR-HEADER;BOX,2P,1R,2.5	CN2,CN4
1	3711-000901	ROH	CONNECTOR-HEADER;BOX,3P,1R,2.5	CN5
1	3711-003627	ROH	CONNECTOR-HEADER;BOX,10P,2R,2m	CN1
1	JC39-40545A	ROH	CBF HARNESS-GND WIRE;ML-6000,W	
1	JC94-01033A	HALB	PRA AUTO-MOTOR SUB	
2	0402-000129	ROH	DIODE-RECTIFIER;1N4003,200V,1A	D7,D8
2	0501-000010	ROH	TR-SMALL SIGNAL;KSC1008,NPN,80	Q1,Q2
2	3301-000344	ROH	CORE-FERRITE BEAD;ZZ,3.5x6.5mm	FB1
2	JC41-10543A	ROH	PCB-MOTOR SUB;ML-5500,FR-4,2L,	
1	JC94-01034A	HALB	PRA AUTO SMD-MOTOR	
2	0407-001008	ROH	DIODE-ARRAY;DA204K,20V,100mA,C	D1-D3
2	2007-000401	ROH	R-CHIP;150ohm,5%,1/10W,DA,TP,2	R10
2	2007-000409	ROH	R-CHIP;15Kohm,5%,1/10W,DA,TP,2	R11
2	2007-000465	ROH	R-CHIP;1Kohm,1%,1/10W,DA,TP,20	R7
2	2007-000468	ROH	R-CHIP;1Kohm,5%,1/10W,DA,TP,20	R5,R6
2	2007-000978	ROH	R-CHIP;5.6Kohm,1%,1/10W,DA,TP,	R8
2	2007-000981	ROH	R-CHIP;5.6Kohm,5%,1/10W,DA,TP,	R12,R13
2	2007-001001	ROH	R-CHIP;510ohm,5%,1/10W,DA,TP,2	R9
2	2007-001039	ROH	R-CHIP;56Kohm,5%,1/10W,DA,TP,2	R3,R4
2	2203-000009	ROH	C-CERAMIC,CHIP;820pF,10%,50V,X	C3,C4
2	2203-000260	ROH	C-CERAMIC,CHIP;10nF,10%,50V,X7	C9,C10,C11
2	2203-000778	ROH	C-CERAMIC,CHIP;330pF,10%,50V,X	C5,C6,C7,C8